

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041822\
 Data File : VN072028.D
 Acq On : 18 Apr 2022 11:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 18 15:23:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	89	0.00
2 M	Dichlorodifluoromethane	20.000	22.050	-10.3	95	0.00
3 M	Chloromethane	20.000	19.155	4.2	85	0.00
4 M	Vinyl Chloride	20.000	16.746	16.3	76	0.00
5 M	Bromomethane	20.000	19.055	4.7	76	0.00
6 M	Chloroethane	20.000	15.834	20.8	72	0.00
7 M	Trichlorofluoromethane	20.000	20.411	-2.1	92	0.00
8 T	Diethyl Ether	20.000	19.078	4.6	87	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.294	-6.5	94	0.00
10 M	1,1-Dichloroethene	20.000	19.969	0.2	90	0.00
11	Methyl Iodide	20.000	19.149	4.3	88	0.00
12	Methyl Acetate	20.000	17.247	13.8	79	0.00
13 M	Acrolein	100.000	62.119	37.9#	59	0.00
14 M	Acrylonitrile	100.000	90.867	9.1	84	0.00
15 M	Acetone	100.000	126.446	-26.4	110	0.00
16 M	Carbon Disulfide	20.000	20.378	-1.9	94	0.00
17	Allyl chloride	20.000	17.275	13.6	79	0.00
18 M	Methylene Chloride	20.000	20.294	-1.5	92	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.833	-4.2	95	0.00
20 T	Diisopropyl ether	20.000	18.889	5.6	84	0.00
21 M	1,1-Dichloroethane	20.000	19.192	4.0	87	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.252	-1.3	92	0.00
23 M	tert-Butyl Alcohol	100.000	72.012	28.0	68	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.063	4.7	86	0.00
25 M	Chloroform	20.000	20.145	-0.7	90	0.00
26	Cyclohexane	20.000	19.548	2.3	89	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.110	9.6	80	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	85	0.00
29	1,1-Dichloropropene	20.000	20.995	-5.0	92	0.00
30 M	2-Butanone	100.000	97.325	2.7	84	0.00
31	2,2-Dichloropropane	20.000	19.619	1.9	85	0.00
32 M	1,1,1-Trichloroethane	20.000	20.391	-2.0	89	0.00
33 M	Carbon Tetrachloride	20.000	21.122	-5.6	91	0.00
34 M	Benzene	20.000	21.326	-6.6	91	0.00
35	Methacrylonitrile	20.000	19.073	4.6	79	0.00
36 M	1,2-Dichloroethane	20.000	18.785	6.1	81	0.00
37 M	Trichloroethene	20.000	20.848	-4.2	92	0.00
38	Methylcyclohexane	20.000	20.385	-1.9	89	0.00
39 M	1,2-Dichloropropane	20.000	20.540	-2.7	88	0.00
40	Dibromomethane	20.000	20.607	-3.0	89	0.00
41 M	Bromodichloromethane	20.000	20.378	-1.9	89	0.00
42 M	Vinyl Acetate	100.000	92.600	7.4	81	0.00
43	Ethyl Acetate	20.000	17.177	14.1	73	0.00
44	Isopropyl Acetate	20.000	17.492	12.5	79	0.00
45 T	1,4-Dioxane	400.000	368.267	7.9	78	0.00
46	Methyl methacrylate	20.000	16.567	17.2	77	0.00
47	n-amyl Acetate	20.000	15.610	22.0	75	0.00
48 M	t-1,3-Dichloropropene	20.000	18.912	5.4	87	0.00

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49 T	cis-1,3-Dichloropropene	20.000	19.940	0.3	89	0.00
50 M	1,1,2-Trichloroethane	20.000	21.213	-6.1	92	0.00
51	Ethyl methacrylate	20.000	19.099	4.5	88	0.00
52	1,3-Dichloropropane	20.000	20.532	-2.7	88	0.00
53 M	Dibromochloromethane	20.000	20.881	-4.4	93	0.00
54 M	1,2-Dibromoethane	20.000	20.406	-2.0	90	0.00
55 M	2-Chloroethyl vinyl ether	100.000	84.018	16.0	75	0.00
56 M	Bromoform	20.000	20.854	-4.3	95	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	88.041	12.0	79	0.00
59 M	2-Hexanone	100.000	87.551	12.4	79	0.00
60 S	4-Bromofluorobenzene	30.000	29.340	2.2	87	0.00
61 M	Tetrachloroethene	20.000	22.269	-11.3	98	0.00
62 M	Toluene	20.000	21.238	-6.2	94	0.00
63 S	Toluene-d8	30.000	30.092	-0.3	86	0.00
64 M	Chlorobenzene	20.000	20.757	-3.8	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.615	-3.1	91	0.00
66 M	Ethyl Benzene	20.000	20.014	-0.1	91	0.00
67 M	m/p-Xylenes	40.000	41.747	-4.4	94	0.00
68 M	o-Xylene	20.000	20.171	-0.9	91	0.00
69 M	Styrene	20.000	20.041	-0.2	94	0.00
70	Isopropylbenzene	20.000	20.158	-0.8	91	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.991	0.0	87	0.00
72	1,2,3-Trichloropropane	20.000	16.860	15.7	73	0.00
73	Bromobenzene	20.000	20.308	-1.5	94	0.00
74	n-propylbenzene	20.000	20.339	-1.7	95	0.00
75	2-Chlorotoluene	20.000	20.251	-1.3	92	0.00
76	1,3,5-Trimethylbenzene	20.000	21.249	-6.2	95	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.100	14.5	86	0.00
78	4-Chlorotoluene	20.000	20.086	-0.4	94	0.00
79	tert-butylbenzene	20.000	20.108	-0.5	91	0.00
80	1,2,4-Trimethylbenzene	20.000	20.950	-4.7	95	0.00
81	sec-Butylbenzene	20.000	20.364	-1.8	94	0.00
82	p-Isopropyltoluene	20.000	20.207	-1.0	95	0.00
83 M	1,3-Dichlorobenzene	20.000	20.668	-3.3	98	0.00
84 M	1,4-Dichlorobenzene	20.000	20.545	-2.7	98	0.00
85	n-Butylbenzene	20.000	18.775	6.1	95	0.00
86 T	Hexachloroethane	20.000	19.492	2.5	91	0.00
87 M	1,2-Dichlorobenzene	20.000	20.792	-4.0	94	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.740	16.3	80	0.00
89	1,2,4-Trichlorobenzene	20.000	18.846	5.8	96	0.00
90	Hexachlorobutadiene	20.000	22.608	-13.0	104	0.00
91 M	Naphthalene	20.000	17.828	10.9	84	0.00
92	1,2,3-Trichlorobenzene	20.000	18.848	5.8	95	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0